

Amendments to the Detailed Description of the Preferred Embodiments

Please amend paragraph [0048] as follows:

[0048] <1st Embodiment>

FIG. 1 is a ~~plan~~ longitudinal cross-sectional view of the shredding machine showing 1st Embodiment of the present invention, FIG. 2 is a ~~longitudinal cross-sectional~~ plan view of the shredding machine, FIG. 3 is a bottom view of the shredding machine, FIG. 4 is a IV-IV cross-sectional view of the shredding machine, and FIG. 5 is a V-V cross-sectional view of the shredding machine. FIG. 6 is a perspective view showing a tip-end portion of a scrape-up member shown in FIG. 5, and FIG. 7 is a perspective view of a lower case shown in FIG. 3.

Please amend paragraph [0070] as follows:

[0070] <2nd Embodiment>

FIG. 8 is a ~~plan~~ longitudinal cross-sectional view of a shredding machine showing 2nd Embodiment of the present invention, and FIG. 9 is a ~~longitudinal cross-sectional~~ plan view of the shredding machine. In this 2nd Embodiment, a twin-shaft shredding machine will also be explained as an example of the shredding machine.

Please amend paragraph [0080] as follows:

[0080] Meanwhile, a lower portion of the shredder main body 61 has side faces of an inner wall curved toward the center of the lower portion, and formed with a discharge pocket 82 of a rectangular cross-section in a central portion in the shaft direction. This discharge pocket 82 is provided throughout the entire length in the shaft direction of the shredder main body + 61. The discharge pocket 82 of this Embodiment is provided with an open/close door 83 in a lower surface, at one of the places of the shredder main body + 61 divided into three in the shaft direction, that is the furthest place from a throw-in port 69 (right end), as shown in FIG. 10(a). A lower surface of the discharge pockets 82 other than the place at which this

open/close door 83 is provided is covered, and the place in which the open/close door 83 is provided serves as a discharge port 70.

Please amend paragraph [0089] as follows:

[0089] As ~~show~~ shown in FIG. 11(d), a slide gate 113 that covers the lower surface of the discharge pocket 112 is provided in the shaft direction of the shredder main body 91. This slide gate 113 is formed to be in a size such that it covers one divided portion of the discharge pocket 112 that is divided approximately in three in the shaft direction, and the slide gate 113 is respectively provided to front and rear portions of the shredder main body 91 in the shaft direction. These slide gates 113 are configured so that they are slidable in the shaft direction of the shredder main body \pm 91 by a slide jack 114 provided to the shredder main body 91.

Please amend paragraph [0090] as follows:

[0090] Since the slide gate 113 divided in this way closes two portions of the discharge pocket 112 in which the entire length of the shredder main body \pm 91 is divided in three in the shaft direction, one third portion of the discharge pocket 112 may be opened as a discharge port 100. In FIG. 11(a), the discharge pocket 112 is opened downwardly at a position furthest from the throw-in port 99. The portion with which the lower surface is not covered by this slide gate 113 serves as the discharge port 100.

Please amend paragraph [0097] as follows:

[0097] Side faces of an inner wall of the lower portion of the shredder main body 121 are curved toward the center of the lower portion, this foreign object pocket 142 is formed in a downwardly rectangular cross-section in the shaft direction of the central portion. This foreign object pocket 142 is provided throughout the entire length of the shredder main body \pm 121 in the shaft direction. In this Embodiment, as shown in FIG. 12(a), foreign object

discharge dampers 143 are provided in a lower surface of the shredder main body + 121, with an one-third length of the shredder main body + 121 in the shaft direction.

Please amend paragraph [0107] as follows:

[0107] According to the shredding machine ~~454~~ 171 of 6th Embodiment configured as described above, the foreign object E thrown with the shredable object T into the throw-in port 159 enters into the foreign object pocket 172 provided in a lower portion of a shredder main body ~~424~~ 151. Entering of the foreign object E into this foreign object pocket 172 is detected as changes in the operational state measured values of a driver, as described above. As detecting the entering of the foreign object E into the foreign object pocket 172, the foreign object discharge damper 173 is opened by the jack 174. Thereby, the foreign object E is discharged outside the crusher. In the meantime, since the action of repeating the crush of the shredable object T for a plurality of times inside the shredder main body ~~424~~ 151 is the same as that of 1st Embodiment as described above, the detailed explanation thereof will be omitted.